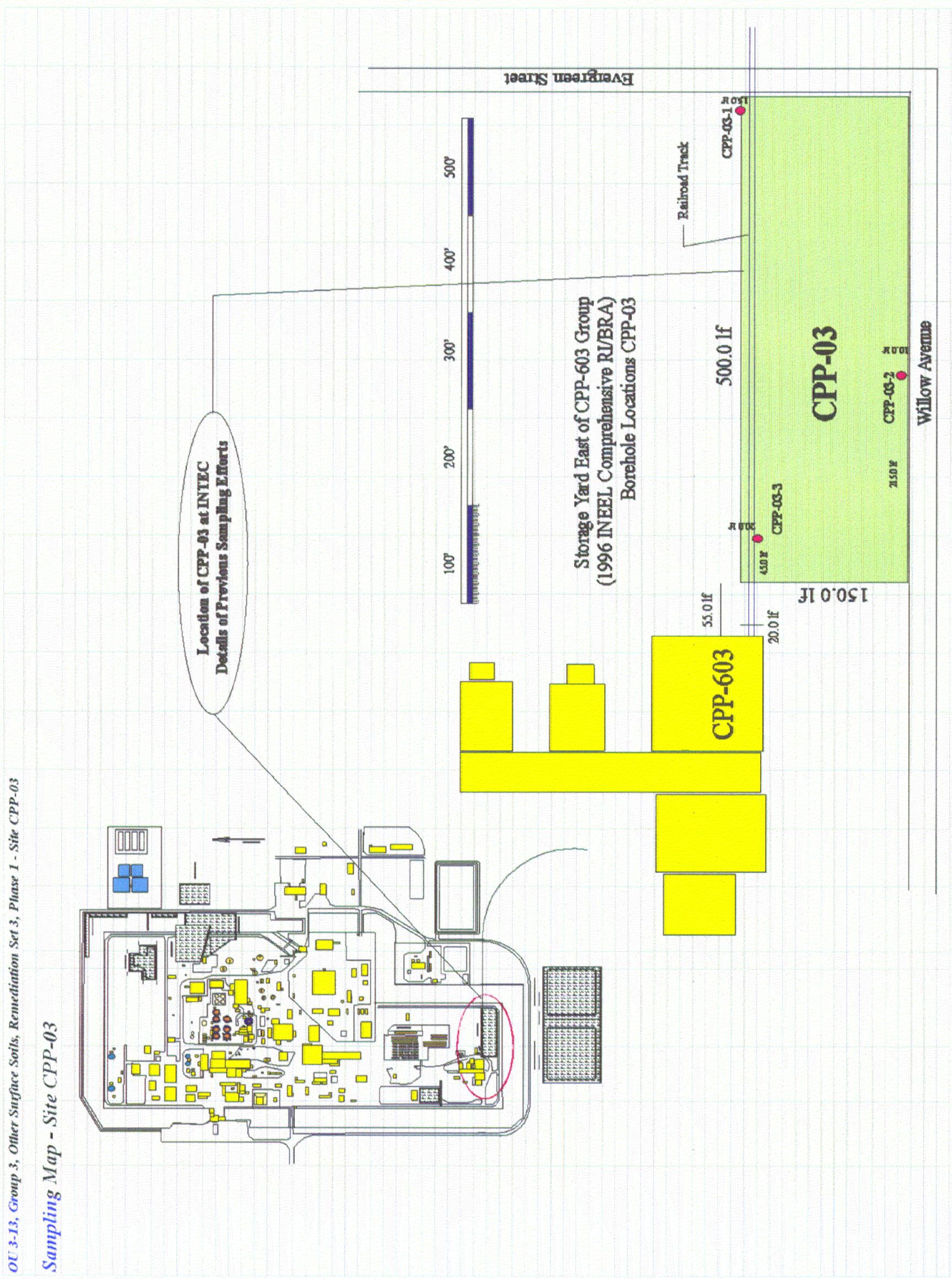


CPP-03

Existing Data Summary

Sampling Map - Site CPP-03



OU 3-13, Group 3, Other Surface Soils, Remediation Set 3, Phase 1 - Site CPP-03

Constituent ^a	Selected WAC Concentration Guideline ^a (mg/kg or pCi/kg)	Remediation Goals (RGs) from ROD ^b (mg/kg or pCi/g)	Unknown Locations (concentration range)	Source data ^c						
				CPP-03-1			CPP-03-2			CPP-03-3
High	Low	0-0.5	0.5-2	2-10	0-0.5	0.5-2	2-10	0-0.5	0.5-2	2-10
Organics										
1,1,1-Trichloroethane	1.6E + 01		NOT analyzed for							
1,1,2,2-Tetrachloroethane	5.0E - 02		NOT analyzed for							
1,1,2-Trichloroethane	2.4E - 01		NOT analyzed for							
1,1-Dichloroethane	2.3E + 00		NOT analyzed for							
1,1-Dichloroethene	1.5E + 00		NOT analyzed for							
1,2,4-Trichlorobenzene	1.1E + 01		NOT analyzed for							
1,2-Dichlorobenzene	1.1E + 01		NOT analyzed for							
1,2-Dichloroethane	5.4E - 03		NOT analyzed for							
1,2-Dichloroethene (total)	3.2E - 01		NOT analyzed for							
1,3-Dichlorobenzene	1.1E + 01		NOT analyzed for							
1,4-Dichlorobenzene	4.4E + 01		NOT analyzed for							
1,4-Dioxane	1.9E - 02		NOT analyzed for							
2,4,5-Trichlorophenol	4.5E + 01		NOT analyzed for							
2,4,6-Trichlorophenol	1.8E + 01		NOT analyzed for							
2,4-Dichlorophenol	2.2E + 01		NOT analyzed for							
2,4-Dimethylphenol	1.8E + 01		NOT analyzed for							
2,4-Dinitrophenol	5.1E + 01		NOT analyzed for							
2,4-Dinitrotoluene	1.1E + 01		NOT analyzed for							
2,6-Dinitrotoluene	2.1E + 01		NOT analyzed for							
2-Butanone	2.5E + 01		NOT analyzed for							
2-Chloronaphthalene	1.1E + 01		NOT analyzed for							
2-Chlorophenol	1.8E + 01		NOT analyzed for							
2-Hexanone	2.7E + 00		NOT analyzed for							
2-Methylnaphthalene	5.1E + 02		NOT analyzed for							
2-Methylphenol	2.1E + 01		NOT analyzed for							
2-Nitroaniline	1.0E - 01		NOT analyzed for							
2-Nitrophenol	1.8E + 01		NOT analyzed for							
3,3-Dichlorobenzidine	1.1E + 01		NOT analyzed for							
3-Methyl Butanal	3.3E + 04		NOT analyzed for							
3-Nitroaniline	1.0E - 01		NOT analyzed for							
4,6-Dinitro-2-methylphenol	4.5E + 01		NOT analyzed for							
4-Bromophenyl-phenylether	8.5E + 04		NOT analyzed for							
4-Chloro-3-methylphenol	9.6E + 04		NOT analyzed for							
4-Chloroaniline	4.1E + 01		NOT analyzed for							
4-Chlorophenyl-phenylether	1.0E + 05		NOT analyzed for							
4-Methyl-2-Pantanone	3.0E + 01		NOT analyzed for							
4-Methylphenol	3.9E + 01		NOT analyzed for							
4-Nitroaniline	1.0E - 01		NOT analyzed for							
4-Nitrophenol	5.2E + 01		NOT analyzed for							
Acenaphthene	2.0E + 02		NOT analyzed for							
Acenaphthylene	2.1E + 01		NOT analyzed for							

Constituent ^a	Selected WAC Concentration Guideline ^a (mg/kg or pCi/kg)	Remediation Goals (RGs) from ROD ^b (mg/kg or pCi/g)	Unknown Locations (concentration range)		Source data ^c											
			High	Low	CPP-03-1	CPP-03-2	CPP-03-3	0-0.5	0.5-2	2-10	0-0.5	0.5-2	2-10	0-0.5	0.5-2	2-10
Acetone	4.9E + 01			NOT analyzed for												
Acetonitrile	1.2E + 00			NOT analyzed for												
Acrolein	5.5E - 01			NOT analyzed for												
Acrylonitrile	5.8E - 01			NOT analyzed for												
Anthracene	3.2E + 02			NOT analyzed for												
Aramite	6.7E + 00			NOT analyzed for												
Aroclor-1016	7.7E + 00			NOT analyzed for												
Aroclor-1254	1.3E + 02			NOT analyzed for												
Aroclor-1260	5.0E + 02			NOT analyzed for												
Aroclor-1268	6.2E + 01			NOT analyzed for												
Benzene	2.2E + 02			NOT analyzed for												
Benzidine	1.7E + 01			NOT analyzed for												
Benzo(a)anthracene	2.5E + 02			NOT analyzed for												
Benzo(a)pyrene	1.1E + 02			NOT analyzed for												
Benzo(b)fluoranthene	1.8E + 02			NOT analyzed for												
Benzo(g,h,i)perylene	1.1E + 01			NOT analyzed for												
Benzo(k)fluoranthene	1.9E + 01			NOT analyzed for												
Benzoic acid	8.6E + 00			NOT analyzed for												
bis(2-Chlorooctoxy)methane	1.6E + 02			NOT analyzed for												
bis(2-Chloroethyl)ether	1.1E + 01			NOT analyzed for												
bis(2-Chloroisopropyl)ether	1.1E + 01			NOT analyzed for												
bis(2-Ethylhexyl)phthalate	1.5E + 02			NOT analyzed for												
Butane,1,1,3,4-Tetrachloro-	1.0E + 05			NOT analyzed for												
Butylbenzylphthalate	6.8E + 01			NOT analyzed for												
Carbazole	3.2E + 01			NOT analyzed for												
Carbon Disulfide	4.6E + 01			NOT analyzed for												
Chlorobenzene	6.6E + 00			NOT analyzed for												
Chloroethane	1.5E - 01			NOT analyzed for												
Chloromethane	3.5E - 01			NOT analyzed for												
Chrysene	2.7E + 02			NOT analyzed for												
Decane, 3,4-Dimethyl	3.3E + 04			NOT analyzed for												
Diacetone alcohol	1.0E + 05			NOT analyzed for												
Dibenz(a,h)anthracene	1.1E + 01			NOT analyzed for												
Dibenzofuran	3.2E + 02			NOT analyzed for												
Diethylphthalate	1.1E + 01			NOT analyzed for												
Dimethyl Disulfide	3.3E + 04			NOT analyzed for												
Dimethylphthalate	1.1E + 01			NOT analyzed for												
Di-n-butylphthalate	2.4E + 01			NOT analyzed for												
Di-n-octylphthalate	2.6E + 01			NOT analyzed for												
Eicosane	1.0E + 05			NOT analyzed for												
Ethyl cyanide	3.3E + 04			NOT analyzed for												
Ethylbenzene	7.8E + 01			NOT analyzed for												
Famphur	1.0E + 05			NOT analyzed for												
Fluoranthene	7.6E + 02			NOT analyzed for												
Fluorene	1.8E + 02			NOT analyzed for												

Constituent ^a	Selected WAC Concentration Guideline ^a (mg/kg or pCi/kg)	Remediation Goals (RGs) from ROD ^b (mg/kg or pCi/g)	Unknown Locations (concentration range)		Source data ^c											
			High	Low	CPP-03-1	CPP-03-2	CPP-03-3	0-0.5	0.5-2	2-10	0-0.5	0.5-2	2-10	0-0.5	0.5-2	2-10
Heptadecane, 2,6,10,15-Tetra	3.3E + 04			NOT analyzed for												
Hexachlorobenzene	1.1E + 01			NOT analyzed for												
Hexachlorobutadiene	2.1E + 01			NOT analyzed for												
Hexachlorocyclopentadiene	1.1E + 01			NOT analyzed for												
Hexachloroethane	1.1E + 01			NOT analyzed for												
Indeno(1,2,3-cd)pyrene	1.1E + 01			NOT analyzed for												
Isobutyl alcohol	1.2E + 00			NOT analyzed for												
Isophorone	1.1E + 01			NOT analyzed for												
Isopropyl Alcohol/2-propanol	1.0E + 05			NOT analyzed for												
Kepone	9.9E + 01			NOT analyzed for												
Mesityl oxide	1.0E + 05			NOT analyzed for												
Methyl Acetate	4.8E - 01			NOT analyzed for												
Methylene Chloride	2.7E + 01			NOT analyzed for												
Naphthalene	4.3E + 02			NOT analyzed for												
Nitrobenzene	1.1E + 01			NOT analyzed for												
N-Nitroso-di-n-propylamine	1.1E + 01			NOT analyzed for												
N-Nitrosodiphenylamine	1.1E + 01			NOT analyzed for												
Octane,2,3,7-Trimethyl	3.3E + 04			NOT analyzed for												
o-Toluenesulfonamide	3.3E + 04			NOT analyzed for												
Pentachlorophenol	5.6E + 01			NOT analyzed for												
Phenanthrene	1.2E + 03			NOT analyzed for												
Phenol	8.0E + 01			NOT analyzed for												
Phenol,2,6-Bis(1,1-Dimethyl)	1.0E + 05			NOT analyzed for												
p-Toluenesulfonamide	3.3E + 04			NOT analyzed for												
Pyrene	2.5E + 02			NOT analyzed for												
RDX	1.0E + 01			NOT analyzed for												
Styrene	6.1E - 02			NOT analyzed for												
Tetrachloroethene	9.6E + 00			NOT analyzed for												
Toluene	3.0E + 01			NOT analyzed for												
Tributylphosphate	4.8E + 02			NOT analyzed for												
Trichloroethene	3.1E + 01			NOT analyzed for												
Trinitrotoluene	1.1E + 01			NOT analyzed for												
Undecane,4,6-Dimethyl-	3.3E + 02			NOT analyzed for												
Xylene (ortho)	3.9E + 00			NOT analyzed for												
Xylene (total)	2.8E + 02			NOT analyzed for												
Inorganics																
Aluminum	1.6E + 05			NOT analyzed for												
Antimony	5.8E + 03			NOT analyzed for												
Arsenic	5.8E + 01			NOT analyzed for												
Barium	3.0E + 03			NOT analyzed for												
Beryllium	1.8E + 01			NOT analyzed for												
Boron	3.3E + 03			NOT analyzed for												
Cadmium	3.6E + 03			NOT analyzed for												
Calcium	No Limit			NOT analyzed for												

Constituent ^a	Selected WAC Concentration Guideline ^a (mg/kg or pCi/kg)	Remediation Goals (RGs) from ROD ^b (mg/kg or pCi/g)	Unknown Locations (concentration range)	Source data ^c								
				High	Low	0-0.5	0.5-2	2-10	0-0.5	0.5-2	2-10	0-0.5
Chloride	3.3E + 04		NOT analyzed for									
Chlorine			NOT analyzed for									
Chromium	4.1E + 04		NOT analyzed for									
Cobalt	1.1E + 02		NOT analyzed for									
Copper	3.0E + 04		NOT analyzed for									
Cyanide	3.4E + 02		NOT analyzed for									
Dysprosium	5.9E + 04		NOT analyzed for									
Fluoride	3.9E + 03		NOT analyzed for									
Fluorine			NOT analyzed for									
Iron	2.4E + 05		NOT analyzed for									
Lead	5.8E + 04		NOT analyzed for									
Magnesium	1.2E + 05		NOT analyzed for									
Manganese	4.9E + 03		NOT analyzed for									
Mercury	9.5E + 03	23.0	NOT analyzed for									
Molybdenum	1.0E + 04		NOT analyzed for									
Nickel	3.5E + 02		NOT analyzed for									
Nitrate	3.9E + 03		NOT analyzed for									
Nitrate/Nitrite-N	3.3E + 04		NOT analyzed for									
Nitrite	8.5E + 00		NOT analyzed for									
Phosphate			NOT analyzed for									
Phosphorus	No Limit		NOT analyzed for									
Potassium	4.3E + 04		NOT analyzed for									
Selenium	8.5E + 02		NOT analyzed for									
Silicon			NOT analyzed for									
Silver	9.8E + 03		NOT analyzed for									
Sodium	3.2E + 03		NOT analyzed for									
Strontium	1.8E + 04		NOT analyzed for									
Sulfate	3.3E + 04		NOT analyzed for									
Sulfide	3.3E + 04		NOT analyzed for									
Terbium	No Limit		NOT analyzed for									
Thallium	4.3E + 00		NOT analyzed for									
Tin			NOT analyzed for									
Vanadium	4.5E + 02		NOT analyzed for									
Ytterbium	No Limit		NOT analyzed for									
Zinc	2.1E + 05		NOT analyzed for									
Zirconium	No Limit		NOT analyzed for									
Radionuclides												
Ag108m	8.0E + 05	8.0E + 02	NOT analyzed for									
Am241	1.0E + 07	1.0E + 04	290.0	NOT analyzed for		NA	NA	NA	NA	NA	NA	NA
Am243	3.3E + 02	3.3E - 01	NOT analyzed for									
Ba137m	No Limit	No Limit	NOT analyzed for									
C14	3.0E + 03	3.0E + 00	NOT analyzed for									
Cd113m	1.6E + 06	1.6E + 03	NOT analyzed for									
Ce144	1.8E + 03	1.8E + 00	NOT analyzed for									

Constituent ^a	Selected WAC Concentration Guideline ^b (mg/kg or pCi/kg)		Remediation Goals (RGs) from ROD ^b (mg/kg or pCi/g)		Unknown Locations (concentration range)		CPP-03-1			Source data ^c CPP-03-2			CPP-03-3		
	High	Low	0-0.5	0.5-2	2-10	0-0.5	0.5-2	2-10	0-0.5	0.5-2	2-10	0-0.5	0.5-2	2-10	
Co57	3.7E + 03	3.7E + 00				ND	ND	ND	ND	ND	ND	ND	ND	ND	
Co60	1.9E + 08	1.9E + 05				ND	ND	ND	ND	ND	ND	ND	ND	ND	
Cs134	1.1E + 07	1.1E + 04	NOT analyzed for												
Cs137	2.3E + 12	2.3E + 09	23.0			1.4	1.96	0.253	65.1	24.4	ND	41.9	1.09	ND	
Eu152	9.7E + 08	9.7E + 05	270.0			ND	ND	ND	2.13	ND	ND	ND	ND	ND	
Eu154	8.2E + 08	8.2E + 05	5,200.0			ND	ND	ND	ND	ND	ND	ND	ND	ND	
Eu155	1.8E + 08	1.8E + 05				ND	ND	ND	ND	ND	ND	ND	ND	ND	
H3	5.0E + 07	5.0E + 04	NOT analyzed for												
I129	3.1E + 03	3.1E + 00	NOT analyzed for												
K40	2.4E + 05	2.4E + 02				ND	ND	ND	ND	ND	ND	ND	ND	ND	
Kr85	No Limit	No Limit	NOT analyzed for												
Np237	6.4E + 05	6.4E + 02				NA	NA	NA	NA	NA	NA	NA	NA	NA	
Pm147	3.8E + 08	3.8E - 05	NOT analyzed for												
Pu238	1.0E - 07	1.0E - 04	670.0			NA	NA	NA	NA	NA	NA	NA	NA	NA	
Pu239	6.7E - 06	6.7E - 03	250.0			NA	NA	NA	NA	NA	NA	NA	NA	NA	
Pu240	1.5E + 06	1.5E + 03	NOT analyzed for												
Pu241	6.4E + 07	6.4E + 04	56,000.0	NOT analyzed for											
Ra226	4.7E + 05	4.7E + 02	NOT analyzed for												
Ru106	1.2E + 04	1.2E + 01	NOT analyzed for												
Sb125	9.3E + 06	9.3E + 03	NOT analyzed for												
Sm151	3.4E + 08	3.4E + 05	NOT analyzed for												
Sr90	3.5E + 12	3.5E + 09	223.0			NA	NA	NA	16	NA	NA	43.9	NA	NA	
Tc99	5.8E + 06	5.8E + 03	NOT analyzed for												
Tc125m	2.3E + 06	2.3E + 03	NOT analyzed for												
Th228	1.6E + 04	1.6E + 01	NOT analyzed for												
Th230	1.4E + 04	1.4E + 01	NOT analyzed for												
Th232	1.7E + 04	1.7E + 01	NOT analyzed for												
U233	2.6E + 01	2.6E - 02	NOT analyzed for												
U234	6.0E + 06	6.0E + 03				NA	NA	NA	NA	NA	NA	NA	NA	NA	
U235	1.1E + 05	1.1E + 02				NA	NA	NA	NA	NA	NA	NA	NA	NA	
U236	2.0E + 05	2.0E + 02	NOT analyzed for												
U238	2.0E + 06	2.0E + 03				NA	NA	NA	NA	NA	NA	NA	NA	NA	
Y90	2.3E + 10	2.3E + 07	NOT analyzed for												

NOTE: Boxed, bolded, larger font size indicates sample result greater than associated RG

a. DOE/ID-10865, Revision 2, Waste Acceptance Criteria for ICDF Landfill

b. DOE/ID-10660, Revision 0, Final Record of Decision, Idaho Nuclear Technology and Engineering Center

c. DOE/ID-10534, November 1997, Comprehensive RI/FS for the ICPP OU 3-13 at the INEEL - Part A, RI/BRA Report (FINAL), Binder 3 of 3, Appendix G - Soil Sample Results

B - Sample result is greater than the instrument detection limit, but less than the contract required detection limit.

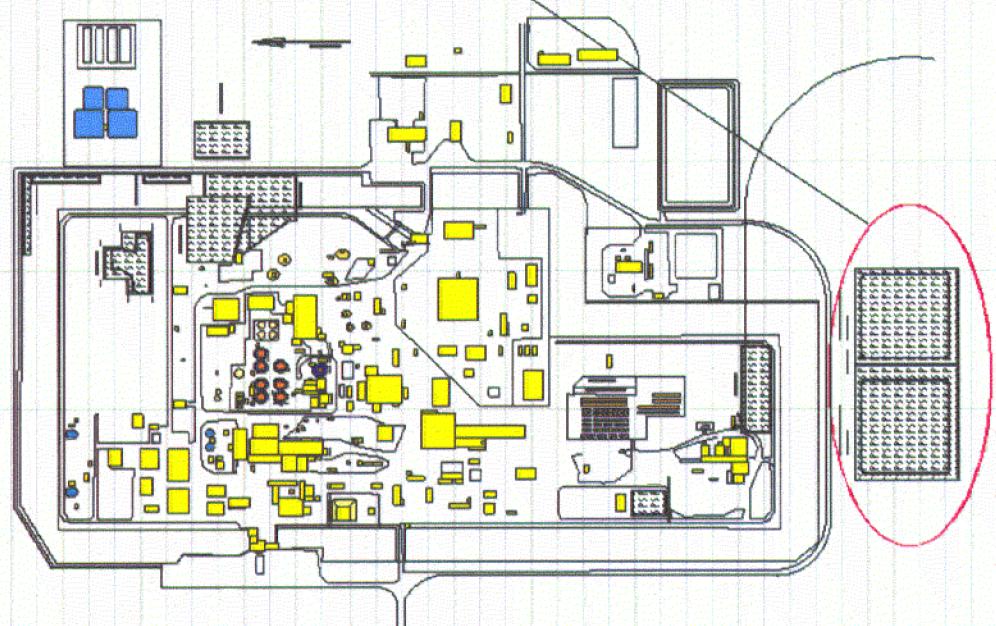
J - The sample concentration reported is an estimated value as a result of data validation.

U - Analyte was not detected in the sample, concentration reported is the sample detection limit.

**CPP-67
Pond #1**

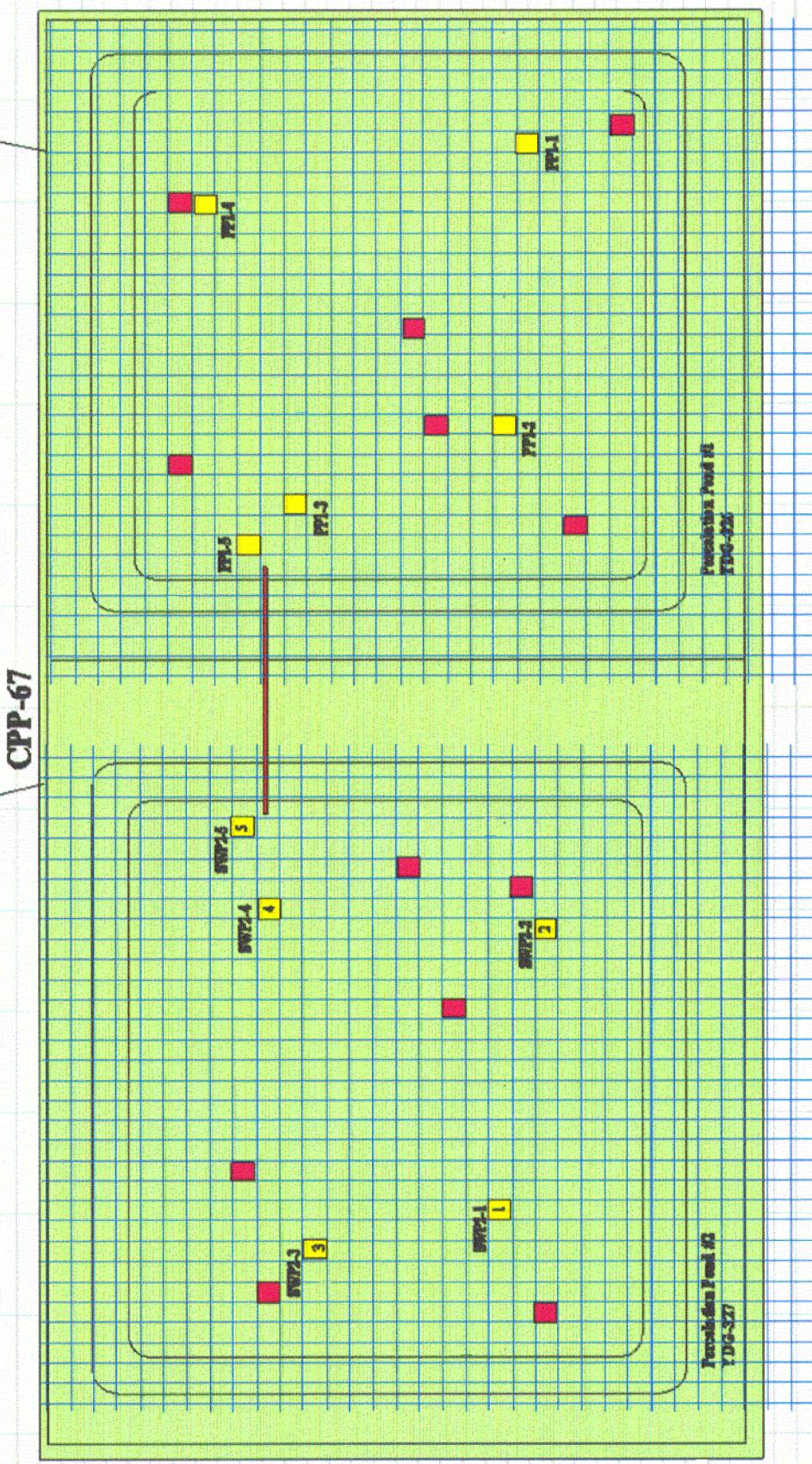
Existing Data Summary

Sampling Map - Site CPP-67 Pond #1



CPP-67 Percolation Ponds
Borehole Locations Pond 1 and Pond 2

Golder Associates March 1992



100 200 300 400 500

OU 3-13, Group 3, Other Surface Soils, Remediation Set 3, Phase 1 - Site CPP-67 Pond 1

Constituent ^a	Selected WAC Concentration Guideline ^a (mg/kg or pCi/kg)	Remediation Goals (RGs) from ROD ^b (mg/kg or pCi/g)	Unknown Locations (concentration range) High Low	Source data ^c														
				PP1-1			PP1-2			PP1-3			PP1-4			PP1-5		
				0-0.5	2.0	5.0	0-0.5	2.0	5.0	0-0.5	2.0	5.0	0-0.5	2.0	5.0	0-0.5	2	5.0
Organics																		
1,1,1-Trichloroethane	1.6E + 01																.005 U	
1,1,2,2-Tetrachloroethane	5.0E - 02																.005 U	
1,1,2-Trichloroethane	2.4E - 01																.005 U	
1,1-Dichloroethane	2.3E + 00																.005 U	
1,1-Dichloroethene	1.5E + 00																.005 U	
1,2,4-Trichlorobenzene	1.1E + 01																.69 U	
1,2-Dichlorobenzene	1.1E + 01																.69 U	
1,2-Dichloroethane	5.4E - 03																.005 U	
1,2-Dichloroethene (total)	3.2E - 01		NOT analyzed for															
1,3-Dichlorobenzene	1.1E + 01																.69 U	
1,4-Dichlorobenzene	4.4E + 01																.69 U	
1,4-Dioxane	1.9E - 02		NOT analyzed for															
2,4,5-Trichlorophenol	4.5E + 01																3.4 U	
2,4,6-Trichlorophenol	1.8E + 01																.69 U	
2,4-Dichlorophenol	2.2E + 01		NOT analyzed for															
2,4-Dimethylphenol	1.8E + 01																.69 U	
2,4-Dinitrophenol	5.1E + 01																3.4 U	
2,4-Dinitrotoluene	1.1E + 01																.69 U	
2,6-Dinitrotoluene	2.1E + 01																.69 U	
2-Butanone	2.5E + 01																.011 U	
2-Chloronaphthalene	1.1E + 01																.69 U	
2-Chlorophenol	1.8E + 01																.69 U	
2-Hexanone	2.7E + 00																.011 U	
2-Methylnaphthalene	5.1E + 02																.69 U	
2-Methylphenol	2.1E + 01		NOT analyzed for															
2-Nitroaniline	1.0E - 01																3.4 U	
2-Nitrophenoxy	1.8E + 01																.69 U	
3,3-Dichlorobenzidine	1.1E + 01																1.4 U	
3-Methyl Butanal	3.3E + 04		NOT analyzed for															
3-Nitroaniline	1.0E - 01																3.4 U	
4,6-Dinitro-2-methylphenol	4.5E + 01																3.4 U	
4-Bromophenyl-phenylether	8.5E + 04																.69 U	
4-Chloro-3-methylphenol	9.6E + 04																.69 U	
4-Chloroaniline	4.1E + 01																.69 U	
4-Chlorophenyl-phenylether	1.0E + 05																.69 U	
4-Methyl-2-Pentanone	3.0E + 01																.011 U	
4-Methylphenol	3.9E + 01		NOT analyzed for															
4-Nitroaniline	1.0E - 01																3.4 U	
4-Nitrophenoxy	5.2E + 01																3.4 U	
Aceanaphthene	2.0E + 02																.69 U	

Constituent ^a	Selected WAC Concentration Guideline ^a (mg/kg or pCi/kg)	Remediation Goals (RGs) from ROD ^b (mg/kg or pCi/g)	Unknown Locations (concentration range) High Low	Source data ^c												
				PP1-1			PP1-2			PP1-3			PP1-4			PP1-5
				0-0.5	2.0	5.0	0-0.5	2.0	5.0	0-0.5	2.0	5.0	0-0.5	2.0	5.0	0-0.5 2 5.0
Acenaphthylene	2.1E + 01															.69 U
Acetone	4.9E + 01															.011 U
Acetonitrile	1.2E + 00		NOT analyzed for													
Acrolein	5.5E - 01															.053 U
Acrylonitrile	5.8E - 01															.053 U
Anthracene	3.2E + 02															.23 J
Aramite	6.7E + 00		NOT analyzed for													
Aroclor-1016	7.7E + 00															.085 U
Aroclor-1254	1.3E + 02															.17 U
Aroclor-1260	5.0E + 02															.17 U
Aroclor-1268	6.2E + 01		NOT analyzed for													.005 U
Benzene	2.2E + 02															
Benzidine	1.7E + 01		NOT analyzed for													
Benzo(a)anthracene	2.5E + 02															.57 J
Benzo(a)pyrene	1.1E + 02															.31 J
Benzo(b)fluoranthene	1.8E + 02															.42 J
Benzo(g,h,i)perylene	1.1E + 01															.69 U
Benzo(k)fluoranthene	1.9E + 01															.69 U
Benzoic acid	8.6E + 00		NOT analyzed for													
bis(2-Chloroethyl)methane	1.6E + 02		NOT analyzed for													
bis(2-Chlorooctyl)ether	1.1E + 01		NOT analyzed for													
bis(2-Chloroisopropyl)ether	1.1E + 01		NOT analyzed for													
bis(2-Ethylhexyl)phthalate	1.5E + 02															.69 U
Butane,1,1,3,4-Tetrachloro-	1.0E + 05		NOT analyzed for													
Butylbenzylphthalate	6.8E + 01															.69 U
Carbazole	3.2E + 01		NOT analyzed for													
Carbon Disulfide	4.6E + 01															.005 U
Chlorobenzene	6.6E + 00															.005 U
Chloroethane	1.5E - 01															.011 U
Chloromethane	3.5E - 01		NOT analyzed for													
Chrysene	2.7E + 02															.57 J
Decane, 3,4-Dimethyl	3.3E + 04		NOT analyzed for													
Diacetone alcohol	1.0E + 05		NOT analyzed for													
Dibenz(a,h)anthracene	1.1E + 01															.69 U
Dibenzofuran	3.2E + 02															.69 U
Dicethylphthalate	1.1E + 01															.69 U
Dimethyl Disulfide	3.3E + 04		NOT analyzed for													
Dimethylphthalate	1.1E + 01															.69 U
Di-n-butylphthalate	2.4E + 01															.69 U
Di-n-octylphthalate	2.6E + 01															.69 U
Eicosane	1.0E + 05		NOT analyzed for													
Ethyl cyanide	3.3E + 04		NOT analyzed for													
Ethylbenzene	7.8E + 01															.005 U

Constituent ^a	Selected WAC Concentration Guideline ^a (mg/kg or pCi/kg)	Remediation Goals (RGs) from ROD ^b (mg/kg or pCi/g)	Unknown Locations (concentration range) High Low	Source data ^c											
				PP1-1			PP1-2			PP1-3			PP1-4		
				0-0.5	2.0	5.0	0-0.5	2.0	5.0	0-0.5	2.0	5.0	0-0.5	2	5.0
Famphur	1.0E + 05		NOT analyzed for												
Fluoranthene	7.6E + 02														1.4
Fluorene	1.8E + 02														.69 U
Heptadecane, 2,6,10,15-Tetra	3.3E + 04		NOT analyzed for												
Hexachlorobenzene	1.1E + 01														.69 U
Hexachlorobutadiene	2.1E + 01														.69 U
Hexachlorocyclopentadiene	1.1E + 01														.69 U
Hexachloroethane	1.1E + 01														.69 U
Indeno[1,2,3-cd]pyrene	1.1E + 01														.69 U
Isobutyl alcohol	1.2E + 00		NOT analyzed for												
Isophorone	1.1E + 01														.69 U
Isopropyl Alcohol/2-propanol	1.0E + 05		NOT analyzed for												
Kepone	9.9E + 01														.017 U
Mesityl oxide	1.0E + 05		NOT analyzed for												
Methyl Acetate	4.8E - 01		NOT analyzed for												
Methylene Chloride	2.7E + 01														0.011
Naphthalene	4.3E + 02														.69 U
Nitrobenzene	1.1E + 01														.69 U
N-Nitroso-di-n-propylamine	1.1E + 01														.69 U
N-Nitrosodiphenylamine	1.1E + 01														.69 U
Octane,2,3,7-Trimethyl	3.3E + 04		NOT analyzed for												
o-Toluenesulfonamide	3.3E + 04		NOT analyzed for												
Pentachlorophenol	5.6E + 01														3.4 U
Phenanthenrene	1.2E + 03														0.79
Phenol	8.0E + 01														.69 U
Phenol,2,6-Bis(1,1-Dimethyl)	1.0E + 05		NOT analyzed for												
p-Toluenesulfonamide	3.3E + 04		NOT analyzed for												
Pyrene	2.5E + 02														.69 U
RDX	1.0E + 01		NOT analyzed for												
Styrene	6.1E - 02														.005 U
Tetrachloroethene	9.6E + 00														.005 U
Toluene	3.0E + 01														.005 U
Tributylphosphate	4.8E + 02		NOT analyzed for												
Trichloroethene	3.1E + 01														.005 U
Trinitrotoluene	1.1E + 01		NOT analyzed for												
Undecane,4,6-Dimethyl-	3.3E + 02		NOT analyzed for												
Xylene (ortho)	3.9E + 00		NOT analyzed for												
Xylene (total)	2.8E + 02		NOT analyzed for												

Constituent ^a	Selected WAC Concentration Guideline ^a (mg/kg or pCi/kg)	Remediation Goals (RGs) from ROD ^b (mg/kg or pCi/g)	Unknown Locations (concentration range) High Low	Source data ^c													
				PP1-1			PP1-2			PP1-3			PP1-4			PP1-5	
				0-0.5	2.0	5.0	0-0.5	2.0	5.0	0-0.5	2.0	5.0	0-0.5	2.0	5.0	0-0.5	2
Inorganics																	
Aluminum	1.6E + 05															4220 J	
Antimony	5.8E + 03															10.1 U	
Arsenic	5.8E + 01															1.2 B	
Barium	3.0E + 03															3.2 J	
Beryllium	1.8E + 01															.744 .3 B	
Boron	3.3E + 03		NOT analyzed for														
Cadmium	3.6E + 03																
Calcium	No Limit															12300 J	
Chloride	3.3E + 04		NOT analyzed for														
Chlorine			NOT analyzed for														
Chromium	4.1E + 04															14.5	
Cobalt	1.1E + 02															4.1 U	
Copper	3.0E + 04															15.2 U	
Cyanide	3.4E + 02															.21 U	
Dysprosium	5.9E + 04		NOT analyzed for														
Fluoride	3.9E + 03		NOT analyzed for														
Fluorine			NOT analyzed for														
Iron	2.4E + 05															9070	
Lead	5.8E + 04																
Magnesium	1.2E + 05															3380	
Manganese	4.9E + 03															165	
Mercury	9.5E + 03	23.0														0.15	
Molybdenum	1.0E + 04		NOT analyzed for														
Nickel	3.5E + 02															16.3	
Nitrate	3.9E + 03		NOT analyzed for														
Nitrate/Nitrite-N	3.3E + 04		NOT analyzed for														
Nitrite	8.5E + 00		NOT analyzed for														
Phosphate			NOT analyzed for														
Phosphorus	No Limit		NOT analyzed for														
Potassium	4.3E + 04															675 J	
Selenium	8.5E + 02															.42 U	
Silicon			NOT analyzed for														
Silver	9.8E + 03															.52 B	
Sodium	3.2E + 03															173 B	
Strontium	1.8E + 04		NOT analyzed for														
Sulfate	3.3E + 04		NOT analyzed for														
Sulfide	3.3E + 04		NOT analyzed for														
Terbium	No Limit		NOT analyzed for														
Thallium	4.3E + 00															.21 B	
Tin			NOT analyzed for														
Vanadium	4.5E + 02															18.8	

Constituent ^a	Selected WAC Concentration Guideline ^a (mg/kg or pCi/kg)	Remediation Goals (RGs) from ROD ^b (mg/kg or pCi/g)	Unknown Locations (concentration range) High Low	Source data ^c											
				PP1-1			PP1-2			PP1-3			PP1-4		
				0-0.5	2.0	5.0	0-0.5	2.0	5.0	0-0.5	2.0	5.0	0-0.5	2	5.0
Ytterbium	No Limit		NOT analyzed for												
Zinc	2.1E + 05														44.4
Zirconium	No Limit		NOT analyzed for												
Radionuclides															
Ag108m	8.0E + 05	8.0E + 02		NOT analyzed for											
Am241	1.0E + 07	1.0E + 04	290.0		1.03	.5 U	.5 U	.5 U	7.8	.5 U	0.56	.5 U	0.94	.5 U	
Am243	3.3E + 02	3.3E - 01		NOT analyzed for											
Ba137m	No Limit	No Limit		NOT analyzed for											
C14	3.0E + 03	3.0E + 00		NOT analyzed for											
Cd113m	1.6E + 06	1.6E + 03		NOT analyzed for											
Ce144	1.8E + 03	1.8E + 00			1.5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Co57	3.7E + 03	3.7E + 00		NOT analyzed for											
Co60	1.9E + 08	1.9E + 05			1.34	1 U	1 U	1 U	2.35	1 U	1 U	1 U	1 U	1 U	
Cs134	1.1E + 07	1.1E + 04			1.46	1 U	1 U	1 U	2	1 U	1 U	1 U	1 U	1 U	
Cs137	2.3E + 12	2.3E + 09	23.0		53.2	1 U	11.7	1 U	80.8	1 U	26	1 U	19.3	1 U	
Eu152	9.7E + 08	9.7E + 05	27.0	NOT analyzed for											
Eu154	8.2E + 08	8.2E + 05	5,200.0	NOT analyzed for											
Eu155	1.8E + 08	1.8E + 05		NOT analyzed for											
H3	5.0E + 07	5.0E + 04		NOT analyzed for											
I129	3.1E + 03	3.1E + 00			.5 U	.5 U	.5 U	.5 U	.5 U	.5 U	.5 U	.5 U	.5 U	.5 U	
K40	2.4E + 05	2.4E + 02		NOT analyzed for											
Kr85	No Limit	No Limit		NOT analyzed for											
Np237	6.4E + 05	6.4E + 02		NOT analyzed for											
Pm147	3.8E + 08	3.8E + 05		NOT analyzed for											
Pu238	1.0E + 07	1.0E + 04	670.0		4.49	.6 U	2.06	.6 U	13	.6 U	3.79	.6 U	1.61	.6 U	
Pu239	6.7E + 06	6.7E + 03	250.0		0.62	.6 U	.6 U	.6 U	2.07	.6 U	.6 U	.6 U	.06 U	.6 U	
Pu240	1.5E + 06	1.5E + 03		NOT analyzed for											
Pu241	6.4E + 07	6.4E + 04	56,000.0	NOT analyzed for											
Ra226	4.7E + 05	4.7E + 02		NOT analyzed for											
Ru106	1.2E + 04	1.2E + 01			5.97	1 U	1 U	1 U	5.27	1 U	1 U	1 U	1 U	1 U	
Sb125	9.3E + 06	9.3E + 03			1.28	1 U	1 U	1 U	1.89	1 U	1 U	1 U	1 U	1 U	
Sm151	3.4E + 08	3.4E + 05		NOT analyzed for											
Sr90	3.5E + 12	3.5E + 09	223.0		10.9	1.09	1 U	1 U	3.74	1.14	1.21	1 U	16.3	1 U	
Tc99	5.8E + 06	5.8E + 03		NOT analyzed for											
Tc125m	2.3E + 06	2.3E + 03		NOT analyzed for											
Th228	1.6E + 04	1.6E + 01		NOT analyzed for											
Th230	1.4E + 04	1.4E + 01		NOT analyzed for											
Th232	1.7E + 04	1.7E + 01		NOT analyzed for											
U233	2.6E + 01	2.6E - 02		NOT analyzed for											

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					PP1-1			PP1-2			PP1-3			PP1-4			
					0-0.5	2.0	5.0	0-0.5	2.0	5.0	0-0.5	2.0	5.0	0-0.5	2	5.0	
U234	6.0E + 06	6.0E + 03			1.76		1.21	0.99	1.06		2.75		0.9	1.34	1.54	2.67	0.98
U235	1.1E + 05	1.1E + 02			0.1		.6 U	.6 U	.6 U		.6 U		.6 U	.6 U	.6 U	.6 U	.6 U
U236	2.0E + 05	2.0E + 02	NOT analyzed for														
U238	2.0E + 06	2.0E + 03			0.82		1.03	1.34	0.82		1.49		0.93	1.17	1.3	2.6	1
Y90	2.3E + 10	2.3E + 07	NOT analyzed for														

NOTE: Boxed, bolded, larger font size indicates sample result greater than associated RG

a. DOE/ID-10865, Revision 2, Waste Acceptance Criteria for ICDF Landfill

b. DOE/ID-10660, Revision 0, Final Record of Decision, Idaho Nuclear Technology and Engineering Center

c. DOE/ID-10534, November 1997, Comprehensive RI/FS for the ICPP OU 3-13 at the INEEL - Part A, RI/BRA Report (FINAL), Binder 3 of 3, Appendix G - Soil Sample Results '903-1179, November 1992, Report for the Idaho Chemical Processing Plant Sampling and Analysis Program at Service Waste Pond No.1, Golder Associates, Inc.

B - Sample result is greater than the instrument detection limit, but less than the contract required detection limit.

J - The sample concentration reported is an estimated value as a result of data validation.

U - Analyte was not detected in the sample; concentration reported is the sample detection limit.

